Title (en)

DIPPED HEADLAMP WITHOUT A CAP AND HAVING AN OFFSET CONCENTRATION

Publication

EP 0247936 B1 19900627 (FR)

Application

EP 87401170 A 19870525

Priority

FR 8607461 A 19860526

Abstract (en)

[origin: US4754374A] A dipped headlight for a motor vehicle, capable of generating a dipped beam situated beneath a generally horizontal cutoff, the headlight being of the type comprising a lamp having an axial filament (100) emitting light freely in all directions thereabout, a reflector (200) having an axis (Ox) extending beneath the axis of the filament and parallel thereto, said reflector also including a surface without discontinuity, and said headlight further including a closure glass placed in front of the reflector and suitable for spreading said beam in a horizontal direction, said headlight including the improvement whereby the reflector includes two diametrically opposite first quadrants (201, 202) whose surfaces are at least approximately two portions of paraboloids having focuses situated in the vicinity of respective axial ends of the filament in order to generate filament images which provide light concentration situated beneath the cutoff and offset sideways relative to the headlight axis, with the other two quadrants (203, 204) being constituted by surfaces providing smooth and continuous transitions between said first two quadrants and creating filament images which are situated for the most part below the cutoff.

IPC 1-7

F21M 3/08

IPC 8 full level

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CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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EP 0247936 A1 19871202; **EP 0247936 B1 19900627**; DE 3763453 D1 19900802; FR 2599120 A1 19871127; FR 2599120 B1 19880916; JP H0793042 B2 19951009; JP S62285301 A 19871211; US 4754374 A 19880628

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